

SYNOPSIS OF INDIAN STANDARDS

Number and Title of the Indian Standard:	IS 17250 : 2019 ISO 14137 : 2015 Test conditions for wire electrical-discharge machines (wire EDM) — Testing of the accuracy
a. Scope:	<p>This Standard specifies, geometric tests, tests of accuracy and repeatability of numerically controlled positioning axes, machining test and circular test for general purpose and normal-accuracy wire electro-discharge machines (wire EDM). It also specifies the applicable tolerances, corresponding to the above-mentioned tests.</p> <p>This Standard is applicable to cross-slide table type machines and double-column type machines.</p> <p>This Standard deals only with the verification of accuracy of the machine. It does not apply to the testing of the machine operation (vibrations, abnormal noises, stick-slip motion of components, etc.) nor to the checking of its characteristics (such as speeds, feeds, etc.), which should generally be checked before the testing of the accuracy.</p> <p>This Standard provides the terminology used for the principal components of the machine and the designation of the axes.</p>
b. Salient features of content:	<p>The standard comprises of :</p> <ul style="list-style-type: none">- Terms and definitions- Terminology and designation of axes- Preliminary remarks- Geometric tests- Checking of accuracy and repeatability of numerically controlled positioning axes- Machining test- Circular test